FFFFFFFFFFFFFFFFFFFF	00000000 00000000 00000000	RRRRRRRRRRRR RRRRRRRRRRRR RRRRRRRRRRRR	RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	LLL
FFF	000 000		RRR RRR	TTT	III
FFF	000 000		RRR RRR	TTT	LLL
FFF	000 000	RRR RRR	RRR RRR	TTT	LLL
FFF	000 000		RRR RRR	TTT	LLL
FFF	000 000	RRR RRR	RRR RRR	TTT	LLL
FFF	000 000	RRR RRR	RRR RRR	III	LLL
FFFFFFFFFF	000 000		RRRRRRRRRRR	III	LLL
FFFFFFFFFF	000 000	RRRRRRRRRRR	RRRRRRRRRRR	III	LLL
FFFFFFFFFF	000 000		RRRRRRRRRRR	III	LLL
FFF	000 000		RRR RRR	III	LLL
FFF	000 000		RRR RRR	III	LLL
FFF	000 000		RRR RRR	III	rrr
FFF	000 000	RRR RRR	RRR RRR	III	LLL
FFF	000 000		RRR RRR	III	LLL
FFF	000 000		RRR RRR	III	LLL
FFF	00000000	RRR RRR	RRR RRR	III	LLLLLLLLLLLLLLLL
FFF	00000000	RRR RRR	RRR RRR	III	LLLLLLLLLLLLLLLL
FFF	00000000	RRR RRR	RRR RRR	TTT	LLLLLLLLLLLLLLL

KK KK KK

KK

FFFFFFFFF FF FF FF FF FFFFFFFF FF FF FF	000000 00 00 00 00	RRRRRRRR RR	UU	NN	00 00 00 00 00 00 00
		\$			

(1)

Page

FORSUNLOCK

0858 1 ! 0859 1 DECLARE_PSECTS (FOR); 0860 1

M 3 16-Sep-1984 00:56:44 VAX-11 Bliss-32 V4.0-742 14-Sep-1984 12:32:59 [FORRTL.SRC]FORUNLOCK.B32;1

Page 3

! Declare PSECTS for FOR\$ facility

(3)

Page

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FORSUNLOCK
1-002
                                                                                                          VAX-11 Bliss-32 V4.0-742
[FORRTL.SRC]FORUNLOCK.B32;1
                                                                                                                                                      Page
                                                                                                                                                            (3)
                   0918
   170
171
173
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181
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191
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195
                                  IF (ACTUALCOUNT () GTR 1) THEN L_ERR_EQL_PRES = .ERR_EQL ELSE L_ERR_EQL_PRES = 0;
                   Get a LUB for this unit.
                               On return, CCB points to the current control block.
                                 FOR$$CB_PUSH (.UNIT, LUB$K_LUN_MIN);
                               Error action is now to pop the LUB.
                                  L_UNWIND_ACTION = FOR$K_UNWINDPOP;
                               If the file is not open, or is not relative or indexed organization,
                               signal error FOR$_UNLERR.
                                  IF (( NOT .CCB [LUB$V_OPENED]) OR ( NOT .CCB [LUB$V_NOTSEQORG])) THEN FOR$$SIGNAL_STO (FOR$K_UNLERR);
                               Now unlock the file. Signal errors except for RMS$_RNL which we
                               choose to ignore (no records were locked).
                                  IF ( NOT $FREE (RAB = .CCB))
                                 THEN
                                      BEGIN
   196
                                      WHILE (.CCB [RAB$L_STS] EQL RMS$_RSA) DO
                                           BEGIN
SWAIT (RAB = .CCB);
SFREE (RAB = .CCB)
   198
   END:
                                      IF (( NOT .CCB [RAB$L_STS]) AND (.CCB [RAB$L_STS] NEQU RMS$_RNL))
                                           FOR$$SIGNAL_STO (FOR$K_UNLERR);
                                      END:
                   0956
0957
0958
0959
0960
0961
0963
                               Return the I/O system to its last state.
                                 FOR$$CB_POP ();
                               Return a success IOSTAT code
                                  RETURN 0:
                                  END:
                                                                                       ! of routine FOR$UNLOCK
                                                                                         .TITLE
                                                                                                   FORSUNLOCK
                                                                                         . IDENT
                                                                                                   11-0021
                                                                                         .EXTRN
.EXTRN
.EXTRN
                                                                                                  FOR$$10STAT_HND
FOR$$SIGNAL_STO
FOR$$CB_PUSH, FOR$$CB_POP
SYS$FREE, SYS$WAIT
                                                                                          .EXTRN
```

	OR		0	C	K
1	-0	02			

					16-Se 14-Se	4 ep-1984 00:56 ep-1984 12:32	:44 VAX-11 Bliss-32 V4.0-742 :59 [FORRTL.SRC]FORUNLOCK.B32;1	Page 6
						.PSECT	_FOR\$CODE,NOWRT, SHR, PIC,2	
		54 53 5E	00000000G 00000000G	081 000 000 000 000 000 000 000 000 000	C 00000 DE 00002 DE 00009 C 00010 DE 00015 DE 00018 DO 0001D DI 00021 DB 00024 DO 00026	.ENTRY MOVAB MOVAB SUBL2 CLRL	FORSUNLOCK, Save R2,R3,R4,R11 SYS\$FREE, R4 FOR\$\$SIGNAL_STO, R3 #4, SP L_ERR_EQL_PRES L_UNWIND_ACTION 8\$, (FP) #1, L_UNWIND_ACTION (AP), #1	0861
		6D	006D	AE D	4 00015 E 00018	CLRL	L_UNWIND_ACTION	0897
	04	6D AE 01		01 D	0 0001D 0 00021 B 00024	MOVL CMPB BLEQU	#1, L_UNWIND_ACTION	0916 0918
		6E	08	06 1 AC D	B 00024 0 00026	MOVL	IS ERR_EQL, L_ERR_EQL_PRES	
				6E D	1 0002A 4 0002C 1\$ 4 0002E 2\$	BRB CLRL CLRL	L_ERR_EQL_PRES	0924
		52	000000006	AC D	0 00030	MOVL	UNIT, R2 FORSSCB PUSH	. 0724
		05	04 FC	AE D	6 00034 4 0003A 9 0003D 0 00041	JSB CLRL BLBC	UNIT, R2 FOR\$\$CB_PUSH L_UNWIND_ACTION -4(CCB), 3\$ #3, -95(CCB), 4\$	0928 0934
05	A1	AB			D 00046 35	BLBC BBS : PUSHL CALLS : PUSHL CALLS	#30	
		63		01 F	B 00048 D 0004B 4\$ B 0004D	: PUSHL	#1, FOR\$\$SIGNAL_STO CCB #1, SYS\$FREE	0941
	000182DA	64 20 8F	08	5B D 01 F 50 E AB D 10 1	8 00050	BFB2	RO. 7\$ 8(CCB), #99034	0945
				10 1 5B D	D 0005D	BNEQ PUSHL	6\$ CCB	: 0947
	000000006	00		01 F	D 00066	PUSHL	#1, SYS\$WAIT	0948
		64 0F	08	E6 1	B 00068 1 0006B 8 0006D 6\$:	CALLS BRB	#1, SYS\$FREE 5\$ 8(CCB) 7\$	0951
	000181A0	OF 8F	08 08	AB E D D D D D D D D D D D D D D D D D D	8 0006D 6\$: 1 00071 3 00079	CMPL BEQL	8(CCB), 7\$ 8(CCB), #98720 7\$ #56 #1, FOR\$\$SIGNAL_STO	. 0931
		63		38 D	D 0007B B 0007D 6 00080 7\$:	PUSHL	#56 #1, FOR\$\$SIGNAL_STO	0953
			00000000	00 1 50 D	4 00086	BLBS CMPL BEQL PUSHL CALLS JSB CLRL RET WORD	FORSSCB_POP RO	; 0960 ; 0964
		50 50	08 04 F8 FC	000 AC D AO D AO 9 O2 D 5E D AC 7	0 00089 0 0008B 0 0008F 0 00093	: .WORD MOVL MOVL PUSHAB	Save nothing 8(AP), RO 4(RO), RO L_ERR_EQL_PRES L_UNWIND_ACTION #2 SP	0965 0897
	000000006	7E 00	04	03 F	0 0008B 0 0008F 0 00093 0 00096 0 00099 0 0009B 0 0009D B 000A1	MOVL MOVL PUSHAB PUSHAB PUSHL PUSHL MOVQ CALLS RET	#2 SP 4(AP), -(SP) #3, FOR\$\$IOSTAT_HND	

[;] Routine Size: 169 bytes, Routine Base: _FOR\$CODE + 0000

^{: 218} 0966 1

D 4 16-Sep-1984 00:56:44 14-Sep-1984 12:32:59 FORSUNLOCK VAX-11 Bliss-32 V4.0-742 [FORRTL.SRC]FORUNLOCK.B32:1 (3) Page 219 220 221 1 END ! of module FOR\$UNLOCK PSECT SUMMARY Name Bytes Attributes _FOR\$CODE 169 NOVEC, NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC, ALIGN(2) Library Statistics ----- Symbols -----Pages Processing File Loaded Percent Total Time Mapped \$255\$DUA28:[SYSLIB]STARLET.L32;1 9776 8 581 00:01.0 COMMAND QUALIFIERS BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/NOTRACE/LIS=LIS\$: FORUNLOCK/OBJ=OBJ\$: FORUNLOCK MSRC\$: FORUNLOCK/UPDATE=(ENH\$: FORUNLOCK 169 code + 0 data bytes 00:09.0 Size: Run Time: 00:29.9 Elapsed Time: Lines/CPU Min:

: Lexemes/CPU-Min: 35280 : Memory Used: 110 pages : Compilation Complete F

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